

CLAIMS

What is claimed is

1. A method for playout of packetized speech, comprising:
 - (a) deferring truncation of an active frame; and
 - (b) truncating a silence frame.
2. The method of claim 1, wherein:
 - (a) said packetized speech includes CELP-encoded frames; and
 - (b) said truncating a silence frame includes truncating an excitation for said silence frame.
3. The method of claim 1, further comprising:
 - (a) expanding an active frame according to a voicing classification for said active frame.
4. A method of frame playout expansion, comprising:
 - (a) classifying a frame as voiced or not; and
 - (b) expanding a voiced frame by a multiple of the pitch of said voiced frame.
5. The method of claim 4, wherein:
 - (a) said frames are CELP-encoded frames; and
 - (b) said expanding a voiced frame includes expanding an excitation for said voiced frame by a multiple of the pitch of said voiced frame..
6. The method of claim 4, wherein:
 - (a) said classifying a frame of step (a) classifies an active frame as one of (i) voiced, (ii) unvoiced, or (iii) transition; and

(b) expanding an unvoiced frame includes expanding an excitation for said unvoiced frame with a random fixed-codebook vector.

7. A receiver, comprising:

- (a) an input for receiving CELP-encoded frames;
- (b) a decoder coupled to said input; and
- (c) a playout scheduler coupled to said input;
- (d) said decoder operable to provide expansion of a voiced frame in response to said playout scheduler, wherein said expansion is a multiple of the pitch for said voiced frame.

8. The receiver of claim 7, wherein:

- (a) said decoder operable to provide truncation of a frame in response to said playout scheduler only when said frame is a silence frame.